

Respectfully submitted,

Friedrich

Friedrich Kueffner Reg. No. 29,482
342 Madison Avenue
New York, NY 10173
(212) 986-3114

August 31, 2001

FK:ml

ENCLS:

**Amended Claims,
Marked-Up Version.**

EXPRESS MAIL No.: EL 803 956 300 US Deposited: August 31, 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service Express mail under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

Friedrich

Friedrich Kueffner

CLEAN VERSION OF AMENDED CLAIMS

- b1
1. Calender bowl heatable by means of a heating medium in a liquid and/or gaseous state of matter comprising a roll body provided with peripheral bores which at both ends is provided with flange journals having supply and discharge lines for the heating medium, and wherein the respective end areas of the peripheral bores are provided with thermal insulation bushings, wherein adjusting devices correlated with the flange journals (2, 3) for a determinable rotation and/or axial movement of the insulation bushings (8).
 2. Calender bowl according to claim 1, wherein the insulation bushings (8) in the area (12) of their inner ends extend only over a portion of a circle.
 3. Calender bowl according to claim 1, wherein in one area (12) correlated with the inner end the insulation bushings (8) extends only across a predetermined central angle.
 4. Calender bowl according to claim 3, wherein the insulation bushings (8) in the area (12) extend across a central angle which decreases toward the inner end.

5. Calender bowl according to claim 1, wherein the insulation bushings (8) at their outer end faces are provided with a toothing, respectively, which meshes with the toothing of a gear ring (9, 14) arranged in a circumferential groove (7) of the respectively facing flange journal (2, 3).
6. Calender bowl according to claim 5, wherein the flange journals (2, 3) comprise at least one adjusting bolt (10) whose end facing the roll body (1) or oriented toward its axis has a gear ring or a gear wheel.

MARKED-UP VERSION OF AMENDED CLAIMS

1. Calender bowl heatable by means of a heating medium in a liquid and/or gaseous state of matter comprising a roll body provided with peripheral bores which at both ends is provided with flange journals having supply and discharge lines for the heating medium, and wherein the respective end areas of the peripheral bores are provided with thermal insulation bushings,
[characterized by] wherein
adjusting devices correlated with the flange journals (2, 3) for a determinable rotation and/or axial movement of the insulation bushings (8).
2. Calender bowl according to claim 1,
[characterized in that] wherein
the insulation bushings (8) in the area (12) of their inner ends extend only over a portion of a circle.
3. Calender bowl according to [claim 1 and 2,
characterized in that] claim 1, wherein
in one area (12) correlated with the inner end the insulation bushings (8) extends only across a predetermined central angle.

4. Calender bowl according to claim 3, [characterized in that] wherein the insulation bushings (8) in the area (12) extend across a central angle which decreases toward the inner end.
5. Calender bowl according to [at least one of the claims 1 to 4, characterized in that] claim 1, wherein the insulation bushings (8) at their outer end faces are provided with a toothing, respectively, which meshes with the toothing of a gear ring (9, 14) arranged in a circumferential groove (7) of the respectively facing flange journal (2, 3).
6. Calender bowl according to claim 5, [characterized in that] wherein the flange journals (2, 3) comprise at least one adjusting bolt (10) whose end facing the roll body (1) or oriented toward its axis has a gear ring or a gear wheel.